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October 16, 2003  
Date of Deposit

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF

DELL ET AL.

APPLICATION NO: 10/620,625

FILED: JULY 16, 2003

FOR: N-ALKYLATION OF INDOLE DERIVATIVES

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

This paper is being filed within three months of the filing date of the application. Therefore, no fees are required. If a fee is deemed to be required, the Commissioner is hereby authorized to charge such fee to Deposit Account No. 19-0134.

In accordance with 37 C.F.R. §1.56, applicants wish to call the Examiner's attention to the references cited on the attached form(s) PTO-1449.

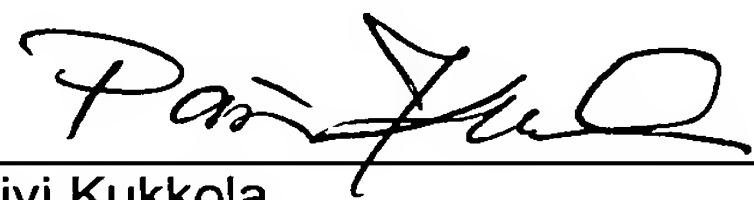
Copies of these references are enclosed herewith.

The Examiner is requested to consider the foregoing information in relation to this application and indicate that each reference was considered by returning a copy of the initialed PTO 1449 form(s).

Respectfully submitted,

Novartis  
Corporate Intellectual Property  
One Health Plaza, Building 430  
East Hanover, NJ 07936-1080  
(862) 778-7875

Date: 10/16/03

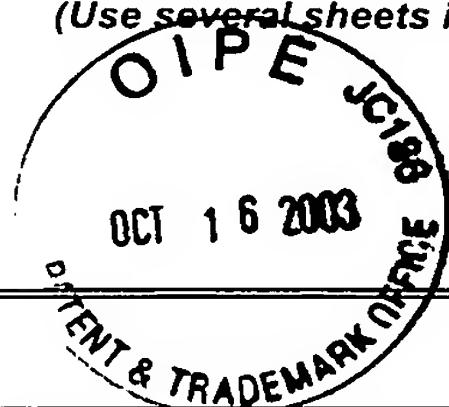
  
Paivi Kukkola  
Agent for Applicants  
Reg. No. 50,499

## INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

ATTY. DOCKET NO.  
4-32591A  
APPLICATION NO.  
10/620,625  
APPLICANT  
DELL ET AL.  
FILING DATE  
JULY 16, 2003

Group



## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	OFFICE	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AM	01/81305	11/1/01	WO			<input type="checkbox"/>	<input type="checkbox"/>
	AN						<input type="checkbox"/>	<input type="checkbox"/>
	AO						<input type="checkbox"/>	<input type="checkbox"/>
	AP						<input type="checkbox"/>	<input type="checkbox"/>
	AQ						<input type="checkbox"/>	<input type="checkbox"/>

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

	AR	Bergman et al., "Alkylation with Oxalic Esters. Scope and Mechanism", Tetrahedron, Vol. 46, No. 17, pp. 6113-6124 (1990).
	AS	Ottoni et al., "Efficient and Simple Methods for the Introduction of the Sulfonyl, Acyl and Alkyl Protecting Groups on the Nitrogen of Indole and its Derivatives", Tetrahedron, Vol. 54, pp. 13915-13928 (1998).
	AT	Shieh et al., "1,8-Diazabicyclo[5.4.0]undec-7-ene (DBU) and Microwave-Accelerated Green Chemistry in Methylation of Phenols, Indoles, and Benzimidazoles with Dimethyl Carbonate", Organic Letters, Vol. 3, No. 26, pp. 4279-4281 (2001).

EXAMINER

DATE CONSIDERED

\*EXAMINER: Initial of reference considered, whether or not citation is in conformance with MPEP 609: Draw a line through citation if not in conformance and not considered. Include a copy of this form with the next communication to applicant.

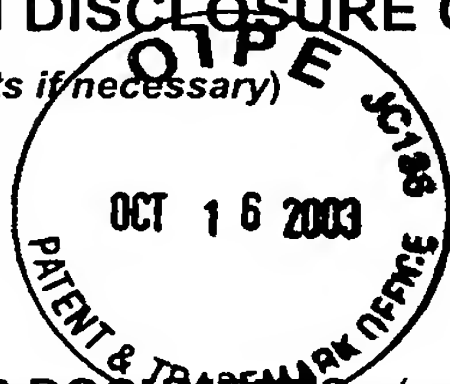
FORM PTO-1449  
(REV. 7-85)

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

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(Use several sheets if necessary)



Group

EXAMINER  
INITIAL

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

	DA	Shieh et al., "Dual Nucleophilic Catalysis with DABCO for the N-Methylation of Indoles", J. Org. Chem., Vol. 68, pp. 1954-1957 (2003).
	DB	Shieh et al., "Accelerated Benzylation Reaction Utilizing Dibenzyl Carbonate as an Alkylating Reagent", Tetrahedron Letters, Vol. 44, pp. 6943-6945 (2003).
	DC	Tratrat et al., "Oxidative Cleavage of Indole $\delta$ -Lactones with <i>m</i> -Chloroperbenzoic Acid: First Synthesis of Spiroindolin-2-one $\gamma$ -Lactones", J. Org. Chem., Vol. 65, pp. 6773-6776 (2000).
	DD	Hilton et al., "A Tandem Radical Approach to the ABCE-Rings of the Aspidosperma and Strychnos Alkaloids", Chem. Commun., pp. 209-210 (2001).
	DE	
	DF	
	DG	
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	DI	
	DJ	
	DK	
	DL	
	DM	
	DN	

EXAMINER

DATE CONSIDERED

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